

Customer No.: 31561
Application No.: 10/710,663
Docket No.: 12262-US-PA

AMENDMENTS

To the Claims:

Claim 1 (currently amended) A heat transfer device for transferring a heating source from a heating device, said heat transfer device comprising:

an evaporator, said evaporator comprising:

a first hollow tube;

a porous core mortised inside said first hollow tube;

a second hollow tube, wherein ~~said first hollow tube and said second hollow tube are connected and secured as a whole by a connection between an end of said first hollow tube and an end of said second hollow tube that are mortised one to another-a part of said first hollow tube is mortised and secured inside said second hollow tube, and the other part of said first hollow tube is exposed outside said second hollow tube;~~

~~a heat conductor covering said evaporator, said heat conductor being on said heating device;~~

a connecting pipe connected to said evaporator, said connecting pipe being used for containing a working fluid; and

a condenser on said connecting pipe.

Claim 2 (currently amended) The device of claim [[+]]17, wherein said heat conductor comprises:

a first heat conducting block having a heat conducting tenon; and

a second heat conducting block having a mortise corresponding to said tenon, said

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heat conducting tenon being inserted into said mortise so that said first and second heat conducting blocks cover said evaporator.

Claim 3 (original) The device of claim 2, wherein the height of said tenon is smaller than the depth of said mortise.

Claim 4 (original) The device of claim 1, wherein said porous core has a fluid channel therein, said fluid channel being connected to a fluid reservoir.

Claim 5 (original) The device of claim 1, further comprising a vapor channel between said first hollow tube and said porous core, said vapor channel being connected to said connecting pipe.

Claim 6 (original) The device of claim 1, wherein said first hollow tube has a closed end, said closed end having a first surface, said first surface having a first hole, said connecting pipe having an end connected to said first hole to connect said first hollow tube.

Claim 7 (original) The device of claim 1, wherein said second hollow tube has a closed end, said closed end having a second surface, said second surface having a second hole, said connecting pipe having an end connected to said second hole to connect said second hollow tube.

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Claims 8-16 (cancelled)

Claim 17 (new) The device of claim 1, further comprising a heat conductor covering said evaporator, wherein said heat conductor is on said heating device.